

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,840,322 B2
APPLICATION NO. : 10/654301
DATED : November 23, 2010
INVENTOR(S) : Steven J. Ross, Stephen C. Habermas and Christopher L. Oesterling

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete the title page and substitute therefore the attached title page showing the corrected number of claims in the patent.

PLEASE ADD THE FOLLOWING CLAIMS, NOS. 6-14

Col. 14 lines 11-23

6. A method for providing vehicle settings to a telematics unit in a mobile vehicle, the method comprising:

receiving a vehicle settings update signal at a call center from the telematics unit;

via a voice portal, providing interaction between the mobile vehicle and an application operating within an application server at the call center to determine a download status of the telematics unit and associated components, wherein the download status is a fixed status requiring the mobile vehicle to maintain a stationary period for a predetermined fixed time period;

storing, via a database, the vehicle settings when the download status of the telematics unit and associated components is negative; and

transmitting, via a modem bank, the vehicle settings from the call center to the telematics unit when the download status of the telematics unit and associated components is positive, wherein if the download status is positive, the mobile vehicle has maintained the stationary position for the predetermined fixed time period, and wherein the transmitted vehicle settings are selected from modifying power train behavior, modifying seat behavior, modifying mirror behavior, and combinations thereof.

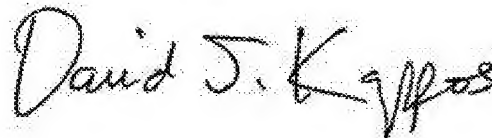
Col. 14 lines 24-25

7. The method of claim 6, further comprising:

implementing the vehicle settings in the mobile vehicle.

This certificate supersedes the Certificate of Correction issued July 26, 2011.

Signed and Sealed this
Twenty-third Day of August, 2011

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D".

David J. Kappos
Director of the United States Patent and Trademark Office

Col. 14 lines 26-28

8. The method of claim 6, further comprising:

receiving at least one user preference at a call center via a web portal interface prior to the call center receiving the vehicle settings update signal.

Col. 14 lines 29-35

9. A method for providing vehicle personalization settings to a telematics unit in a mobile vehicle, the method comprising:

sending an update flag signal from a call center to a telematics unit, the update flag signal indicating that a vehicle personalization setting update is available for download;

after the update flag signal is sent, receiving a vehicle personalization settings update signal at a call center from the telematics unit;

via a voice portal, providing interaction between the mobile vehicle and an application operating within an application server at the call center to determine a download status of the telematics unit and associated components, wherein the download status is a fixed status requiring the mobile vehicle to maintain a stationary period for a predetermined fixed time period;

storing, via a database, the vehicle personalization settings when the download status of the telematics unit and associated components is negative; and

sending, via a modem bank, vehicle personalization settings from the call center to the telematics unit responsive to the vehicle personalization settings update signal and when the download status of the telematics unit and associated components is positive, wherein if the download status is positive, the mobile vehicle has maintained the stationary position for the predetermined fixed time period, wherein the vehicle personalization settings correspond to the vehicle personalization settings update and wherein the sent vehicle personalization settings are selected from modifying power train behavior, modifying seat behavior, modifying mirror behavior, and combinations thereof.

Col. 15 lines 1-13

10. A method for providing vehicle personalization settings to a telematics unit in a mobile vehicle, the method comprising:

receiving at least one user preference of a vehicle setting at a call center via a web portal interface;

sending an update flag signal from the call center to the telematics unit responsive to receiving the at least one user preference at the call center via the web portal interface, the update flag signal indicating that a vehicle setting update is available for download;

then receiving a vehicle settings update signal at the call center from the telematics unit;

via a voice portal, providing interaction between the mobile vehicle and an application operating within an application server at the call center to determine a download status of the telematics unit and associated components, wherein the download status is a fixed status requiring the mobile vehicle to maintain a stationary period for a predetermined fixed time period;

storing, via a database, the vehicle settings when the download status of the telematics unit and associated components is negative; and

sending, via a modem bank, at least one vehicle setting corresponding to the user preference from the call center to the telematics unit responsive to the update signal and when the download

status of the telematics unit and associated components is positive, wherein if the download status is positive, the mobile vehicle has maintained the stationary position for the predetermined fixed time period, and wherein the transmitted vehicle settings are selected from modifying power train behavior, modifying seat behavior, modifying mirror behavior, and combinations thereof.

Col. 15 lines 20-37

11. A method for providing vehicle personalization settings to a telematics unit in a mobile vehicle, the method comprising;

receiving a vehicle personalization settings update signal at a call center from the telematics unit;

transmitting at least one download requirement to the telematics unit, the download requirement indicating, to the telematics unit, an in-vehicle component needed in a modifiable state for a successful download of a vehicle personalization setting associated with the vehicle personalization settings update signal;

receiving a download reply from the telematics unit responsive to the at least one download requirement;

via a voice portal, providing interaction between the mobile vehicle and an application operating within an application server at the call center to determine a download status of the telematics unit and the component based on the received download reply, wherein the download status is a fixed status requiring the mobile vehicle to maintain a stationary period for a predetermined fixed time period;

storing the vehicle setting when the download status of the telematics unit and the component is negative;

and

transmitting the vehicle personalization setting from the call center to the telematics unit when the download status of the telematics unit and the component is positive, wherein if the download status is positive, the mobile vehicle has maintained the stationary position for the predetermined fixed time period, and wherein the transmitted vehicle personalization settings are selected from modifying power train behavior, modifying seat behavior, modifying mirror behavior, and combinations thereof.

Col. 15 lines 38-40

12. The method of claim 11, further comprising:

determining, via the telematics unit, that the component is in the modifiable state; and

transmitting the download reply indicating that the component is in the modifiable state.

Col. 15 lines 41-45

13. The method of claim 11, wherein storing the vehicle setting comprises:

determining a store status for the vehicle setting when the download status of the telematics unit and the component is negative;

storing the vehicle settings when the store status is positive; and

deleting the vehicle settings when the store status is negative.

Col. 15 lines 46-47

14. The method of claim 11 wherein the download requirement specifies that at least one of a vehicle personalization module, a vehicle radio, a vehicle transmission, or a vehicle ignition is in the modifiable state.

(12) **United States Patent**
Ross et al.

(10) **Patent No.:** **US 7,840,322 B2**
 (45) **Date of Patent:** **Nov. 23, 2010**

(54) **METHOD AND SYSTEM FOR
 IMPLEMENTING VEHICLE
 PERSONALIZATION**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 971 days.

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(21) Appl. No.: **10/654,301**

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(65) **Prior Publication Data**

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Related U.S. Application Data

(Continued)

(63) Continuation-in-part of application No. 10/193,799, filed on Jul. 12, 2002, now abandoned.

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(51) **Int. Cl.**
G06F 7/00 (2006.01)

(57) **ABSTRACT**

(52) **U.S. Cl.** **701/36; 701/24; 701/45;**
701/49; 701/54; 340/988; 455/152.1; 455/151.1
 (58) **Field of Classification Search** **701/49;**
701/36, 209-213, 20, 24, 45, 54; 715/788;
340/988; 455/152.1, 41, 152, 151.1
 See application file for complete search history.

The present invention provides a method for providing vehicle settings to a telematics unit in a mobile vehicle that includes receiving a vehicle settings update signal at a call center from the telematics unit and sending vehicle settings from the call center to the telematics unit. The method may additionally include implementing the vehicle settings in the mobile vehicle. The method may further include sending an update flag signal from the call center to the telematics unit. The method may additionally include receiving at least one user preference at the call center via a web portal interface. The step of receiving at least one user preference may further include sending an update flag signal from the call center to the telematics unit responsive to receiving the at least one user preference at the call center via the web portal interface.

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14 Claims, 6 Drawing Sheets

